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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 809251988
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CLAIMS AS FILED - PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.18(a))		
TOTAL CLAIMS (37 CFR 1.18(e))	minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.18(d))	minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.18(d))		

* If the difference in column 1 is less than zero, enter '0' in column 2.

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

RATE	FEES	RATE	FEES
	\$ _____		\$ _____
X \$ _____	=	X \$ _____	=
X \$ _____	=	X \$ _____	=
+ \$ _____	=	+ \$ _____	=
TOTAL		TOTAL	

Supp) CLAIMS AS AMENDED - PART II
amend (examined and cancel claims

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.18(d))	41	Minus	55	2
Independent (37 CFR 1.18(d))	3	Minus	5	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X \$ _____	=	X \$ _____	=
X \$ _____	=	X \$ _____	=
+ \$ _____	=	+ \$ _____	=
TOTAL ADDL FEE		TOTAL ADDL FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.18(d))	63	Minus	55	8
Independent (37 CFR 1.18(d))	5	Minus	5	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X \$ _____	=	X \$ 50 =	400
X \$ _____	=	X \$ _____	
+ \$ _____	=	+ \$ _____	
TOTAL ADDL FEE		TOTAL ADDL FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.18(d))		Minus	55	
Independent (37 CFR 1.18(d))	1	Minus	55	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X \$ _____	=	X \$ _____	
X \$ _____	=	X \$ _____	
+ \$ _____	=	+ \$ _____	
TOTAL ADDL FEE		TOTAL ADDL FEE	

* If the entry in column 1 is less than the entry in column 2, write '0' in column 3.

** If the 'Highest Number Previously Paid For' in THIS SPACE is less than 20, enter '20'.

*** If the 'Highest Number Previously Paid For' in THIS SPACE is less than 3, enter '3'.

The 'Highest Number Previously Paid For' (Total or independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. THIS COLLECTION IS ESTIMATED TO TAKE 12 MINUTES TO COMPLETE, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application or Docket Number
79251988

PATENT APPLICATION FEE DETERMINATION RECORD				
Substitute for Form PTO-875				

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEES	RATE	FEES
BASIC FEE (37 CFR 1.16(e))				\$ _____		\$ _____
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*	X \$ _____ =		X \$ _____ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*	X \$ _____ =		X \$ _____ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$ _____ =		+ \$ _____ =	
			TOTAL		TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
Total (37 CFR 1.16(d))	• 41	Minus	" 55	*	X \$ _____ =		X \$ _____ =	
Independent (37 CFR 1.16(b))	• 3	Minus	*** 5	*	X \$ _____ =		X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		+ \$ _____ =	
					TOTAL ADD'L FEE		TOTAL ADD'L FEE	

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
Total (37 CFR 1.16(d))	•	Minus	**	*	X \$ _____ =		X \$ _____ =	
Independent (37 CFR 1.16(b))	•	Minus	***	*	X \$ _____ =		X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		+ \$ _____ =	
					TOTAL ADD'L FEE		TOTAL ADD'L FEE	

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
Total (37 CFR 1.16(d))	•	Minus	**	*	X \$ _____ =		X \$ _____ =	
Independent (37 CFR 1.16(b))	•	Minus	***	*	X \$ _____ =		X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		+ \$ _____ =	
					TOTAL ADD'L FEE		TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
09251988

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT		(37 CFR 1.16(d))

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

RATE	FEES
X \$	=
X \$	=
+ \$	=
TOTAL	

RATE	FEES
X \$	=
X \$	=
X \$	=
+ \$	=
TOTAL	

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	55	Minus	55	
Independent (37 CFR 1.16(b))	5	Minus	5	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))		Minus	**	
Independent (37 CFR 1.16(b))		Minus	***	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))		Minus	**	
Independent (37 CFR 1.16(b))		Minus	***	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDI- TIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

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PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2001

Application or Docket Number

09/251988

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS			
FOR	NUMBER FILED	NUMBER EXTRA	
TOTAL CHARGEABLE CLAIMS	55 minus 20 =	35	8
INDEPENDENT CLAIMS	3 minus 3 =	3	
MULTIPLE DEPENDENT CLAIM PRESENT		<input type="checkbox"/>	

* If the difference in column 1 is less than zero, enter "0" in column 2

41103D CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	Minus	**	=	
Independent	3	Minus	3	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM		<input type="checkbox"/>			

(Column 1) (Column 2) (Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	Minus	**	=	
Independent	5	Minus	3	= 2	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM		<input type="checkbox"/>			

(Column 1) (Column 2) (Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	Minus	**	=	
Independent	5	Minus	5	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM		<input type="checkbox"/>			

SMALL ENTITY
TYPE

RATE	FEES
BASIC FEE	370.00
X\$ 9=	
X42=	
+140=	
TOTAL	

OTHER THAN
OR SMALL ENTITY

RATE	FEES
BASIC FEE	740.00
X\$18=	1294
X84=	
+280=	
TOTAL	1294

41103D OTHER THAN
OR SMALL ENTITY

RATE	ADDI- TIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDT. FEE	

RATE	ADDI- TIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDT. FEE	

RATE	ADDI- TIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDT. FEE	

RATE	ADDI- TIONAL FEE
X\$18=	
X84=	840
+280=	
TOTAL ADDT. FEE	

RATE	ADDI- TIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDT. FEE	

RATE	ADDI- TIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD
Effective November 10, 1998

Application or Docket Number

09/251988

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	47 minus 20 =	27
INDEPENDENT CLAIMS	3 minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT		

- If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	47	Minus	47	
Independent	3	Minus	3	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

SMALL ENTITY TYPE	OTHER THAN OR SMALL ENTITY
RATE	Fee
	380.00
OR	760.00
XS 8=	
OR	XS18= 486
X39=	
OR	X78=
+130=	
OR	+260=
TOTAL	1248
OR TOTAL	

OTHER THAN OR SMALL ENTITY

SMALL ENTITY	OTHER THAN OR SMALL ENTITY
RATE	ADDITIONAL FEE
XS 8=	
OR	XS18=
X39=	
OR	X78=
+130=	
OR	+260=
TOTAL ADDIT. FEE	
OR TOTAL ADDIT. FEE	

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	47	Minus	47	
Independent	3	Minus	3	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	47	Minus	47	
Independent	3	Minus	3	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

- If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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01 FC:1202 144.00 DA



04-15-03

KCG 2800

PTO/SB/30 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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22
RCE
KT
6/2/03

**Request
For
Continued Examination (RCE)
Transmittal**

Address to:
Commissioner for Patents
Box RCE
Washington, DC 20231

Application Number	09/251,988
Filing Date	February 17, 1999
First Named Inventor	Brian Samuel Beaman
Art Unit	2829
Examiner Name	Jermelle M. Hollington
Attorney Docket Number	Y0999-088

Free
Only

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114

a. Previously submitted

i. Consider the amendment(s)/reply under 37 CFR 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).

ii. Consider the arguments in the Appeal Brief or Rely Brief previously filed on _____

iii. Other _____

b. Enclosed

i. Amendment/Reply

iii. Information Disclosure Statement (IDS)

ii. Affidavit(s)/Declaration(s)

iv. Other _____

2. Miscellaneous

Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a
a. period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

b. Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

The Director is hereby authorized to charge the following fees, or credit any overpayments, to
a. Deposit Account No. 09-0468

i. RCE fee required under 37 CFR 1.17(e)

04/16/2003 RHEBRAHT 00000022 090468 09251988

ii. Extension of time fee (37 CFR 1.136 and 1.17)

01 FC:1801 750.00 CH

iii. Other _____

b. Check in the amount of \$ _____ enclosed

c. Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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APR 17 2003

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Dr. Daniel P. Morris, Esq.	Registration No. (Attorney/Agent)	32,053
Signature		Date	April 11, 2003

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print/Type)	Date
Signature	

Page 1 of 2

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